

Docket No.: 6317P013

JFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

MEIR ALONI, ET AL.

Application No.: 10/661,719

Filed: September 11, 2003

For: **Raster Frame Beam System For Electron  
Beam Lithography**

Art Group:

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed for applications filed after June 30, 2003). This IDS and IDS Citation Form are being submitted. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

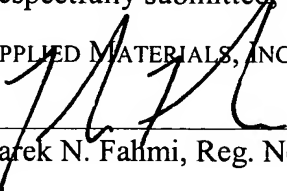
The references were cited in a Search Report dated July 8, 2004 (copy enclosed herewith) in a counterpart PCT application.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Respectfully submitted,

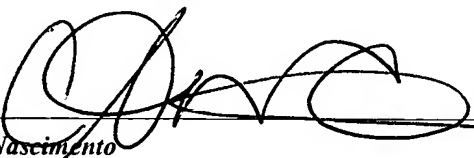
APPLIED MATERIALS, INC.

Date: September 08, 2004

  
Tarek N. Fahmi, Reg. No. 41,402

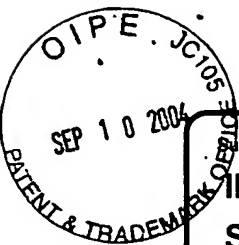
Patent Counsel  
P.O. Box 450A  
Santa Clara, CA 95052  
Telephone: (408) 947-8200

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Box: IDS, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Carla Nascimento

09-08-04

Date



Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Application Number	10/661,719
				Filing Date	September 11, 2003
				First Named Inventor	Meir Aloni
				Art Unit	
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	6317P013

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (if known)			
		US-4,419,182	12-06-1983	Westerberg et al.	
		US-5,757,010	05-26-1998	Langer	
		US-5,969,365	10-19-1999	Takemoto et al.	
		US-6,333,138	12-25-2001	Higashikawa et al.	
		US-6,424,879	07-23-2002	Chilese et al.	
		US-6,376,847	04-23-2002	Saito	
		US-6,429,443	08-06-2002	Mankos et al.	
		US-6,433,347	08-13-2002	Suzuki	
		US-2002/0038823	04-04-2002	Hamaguchi et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		WO 02/13226	02-14-2002	Allen, Paul, C.		
		WO 02/14952	02-21-2002	Rishton, et al.		
		EP 1 253 619	10-30-2002	Muraki, et al.		
		EP 0 660 370	06-28-1996	Pfeiffer, et al.		

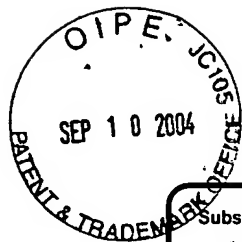
Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

†Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. †Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. †Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wtr) 08/11/2003.

Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet

2

of

2

**Complete if Known**

Application Number	10/661,719
Filing Date	September 11, 2003
First Named Inventor	Meir Aloni
Art Unit	
Examiner Name	Not Yet Assigned
Attorney Docket Number	6317P013

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		HIROSHI YASUDA, SOICHIRO ARAI, JUN-ICHI KAI, YOSHIHISA OOA, TOMOHIKO ABE, SHIGERU MARUYAMA, AND TAKASHI KIUCHI, "Multielectron beam blanking aperture array system SYNAPSE-2000", 11/1/1996, pages 3813-3820, American Vacuum Society, New York, U.S.	
		"International Search Report", International Searching Authority, PCT/ US 03/34785, (7/08/2004)	

Examiner  
SignatureDate  
Considered

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>1</sup>Applicant's unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/088 (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 08/11/2003.  
Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450